# **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1711	((342/377) or (342/372) or (342/368)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/17 06:08
L2	17701	((real with imaginary) or (I with Q)) and antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/17 06:09
L3	3	1 and 2 and hilbert	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/17 06:11
L4	182	(hilbert with transform\$) with (imaginary or Q) and antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/17 06:12
L5	108	4 and weight\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/17 06:35
L6	4	("20020154687" "6052085").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/17 06:39
L7	4	5 and beamform\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/17 06:41
L8	311	((in adj phase with quadrature) or (real with imaginary)) and beamform\$3 and antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/17 06:42
L9	24	8 and hilbert	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/17 06:54
L10	63	beamform\$3 and intermediate and digital and hilbert	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/17 07:02
L11	5	1 and hilbert	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/17 07:02
L12	3	(US-7103383-\$ or US-7127008-\$ or US-6792058-\$).did.	USPAT	OR .	OFF	2007/09/17 07:03

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L13	22	("20010044288"   "20030035498"	US-PGPUB;	OR	OFF	2007/09/17 07:03
		"20030092406"   "3638122"   "4648114"   "5008939"   "5339455"   "5493717"   "5588022"   "5631963"   "5982825"   "6005894"   "6014412"   "6058148"   "6137843"   "6192238"   "6304624"   "6307599"   "6445693"   "6456673"   "6510175"   "6711214"). PN. OR ("7127008").URPN.	USPAT; USOCR	, OK		2007/03/17 07.03
L14	10	("4733402"   "5081463"   "5191349"   "5196855"   "5363109"   "5374932"   "5570095"   "6313783"   "6448926"). PN. OR ("6792058").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 07:09
L15	5	(US-20030092406-\$).did. or (US-7103383-\$ or US-7127008-\$ or US-6792058-\$ or US-6711214-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/09/17 07:20
L16	5	coppi-fran\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/17 07:21
L17	10	crozzoli-mau\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/17 07:22
L18	14	disco-dan\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/17 07:23
L19	6	scotti-rena\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/17 07:23
L20	3	(US-20030092406-\$).did. or (US-7127008-\$ or US-6711214-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/09/17 08:15
L21	2	("6885338").PN.	US-PGPUB; USPAT; USOCR;	OR	OFF	2007/09/17 08:15
			EPO; JPO; DERWENT			
L22		21 and hilbert	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/17 08:20
L23	247	digital with beamform\$ and (intermediate adj frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/17 08:20

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L24	. 49	23 and weight\$3 with coefficient\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/17 08:21
L25	4	(US-20030092406-\$).did. or (US-7127008-\$ or US-6711214-\$ or US-5274386-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/09/17 08:58
L26	3	25 and hilbert	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF.	2007/09/17 08:49
L27	882	hilbert adj transform\$5 and real and imaginary	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/17 08:59
L28	100	27 and in adj phase and quadrature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/17 09:09
L29	2	("4779054").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/17 09:11
L30	17	("3617719"   "3950750"   "4003054"   "4011438"   "4190802"   "4594555"   "4634989").PN. OR ("4779054").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 09:13
L31	2	30 and hilbert	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/17 09:13
L32	6	(US-20030092406-\$).did. or (US-7127008-\$ or US-6711214-\$ or US-5274386-\$ or US-4779054-\$ or US-4634989-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/09/17 09:16
L33	4	(US-7127008-\$ or US-6711214-\$ or US-5274386-\$ or US-4779054-\$).did.	USPAT	OR	OFF	2007/09/17 09:19

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#3 (intermediate frequency <and>weighting)<and>hilbert</and></and>	5
#4 (beamforming <and>hilbert)<and>weight</and></and>	20
#5 (beamforming <and>hilbert)<and>weight</and></and>	20
#6 (beamforming <and>hilbert)<and>weight</and></and>	20
#7 (((beamforming <and>hilbert)<and>weight)<and> (antenna<in>metadata))</in></and></and></and>	3
#8 (((beamforming <and>hilbert)<and>weight)<and> (antenna<in>metadata))</in></and></and></and>	3:
#9 (((beamforming <and>hilbert)<and>weight)<and> (antenna<in>metadata))</in></and></and></and>	39



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